

## Claims

- 5 1. A portable electronic equipment comprising a speaker (16) and a receiver for sound reproduction, which speaker (16) and receiver (18) share a back volume (17), characterised in that said portable electronic equipment (10) comprises a control/damping unit (33) arranged to damp the receiver (18) while the speaker (16) is active.
- 10 2. The equipment of claim 1, wherein said control/damping unit (33) comprises a control unit (33) that controls switching between speaker mode and sound receiver mode.
- 15 3. The equipment of claim 2, wherein the control unit (33) is arranged to control voltage or current over the receiver (18) such that it avoid the latter to operate as a leak.
- 20 4. The equipment according to any one of the claims 1-3, wherein the equipment (10) is a cellular phone, a smart phone or a communicator.
- 25 5. A method for sound reproduction for a portable electronic equipment comprising a speaker and a receiver for sound reproduction, comprising the steps of:
  - providing sound reproduction by means of a speaker and a receiver sharing a back volume, step (100),
  - 30 -damping the receiver while the speaker is active, step (101).
6. The method according to claim 4, wherein voltage or current over the receiver is controlled such that it avoids the latter to operate as a leak, step (101).
- 35 7. The method of claim 5 or 6, wherein switching between speaker mode and sound receiver mode is controlled to provide damping the receiver while the speaker is active, step (101).